Title: System and method of treating stuttering by neuromodulation
Inventor: Paul H. Stypulkowski
Serial No. 10/001,751
Attorney Docket: 11738.00025
Sheet 1 of 9

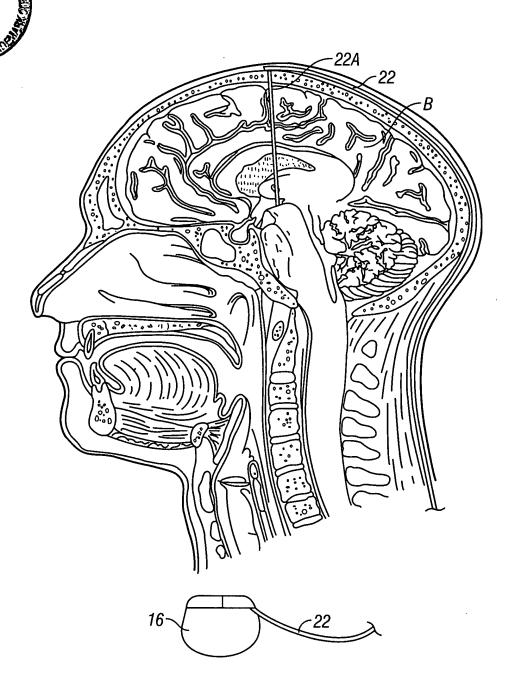


FIG. 1

Title: System and method of treating stuttering by neuromodulation
Inventor: Paul H. Stypulkowski
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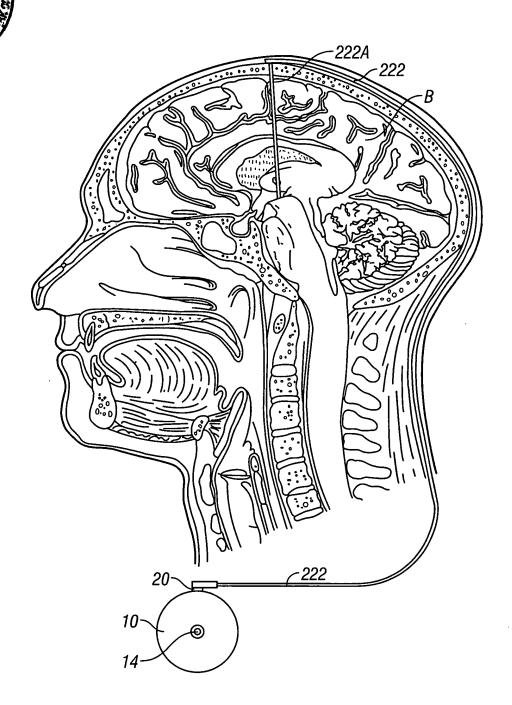


FIG. 2

Title: System and method of treating stuttering by neuromodulation
Inventor: Paul H. Stypulkowski
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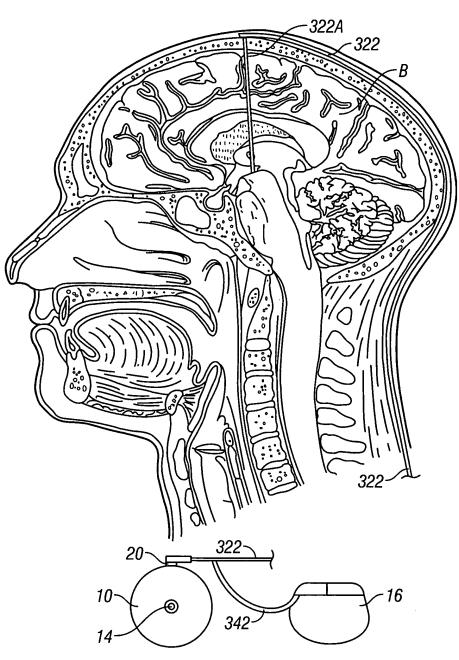


FIG. 3

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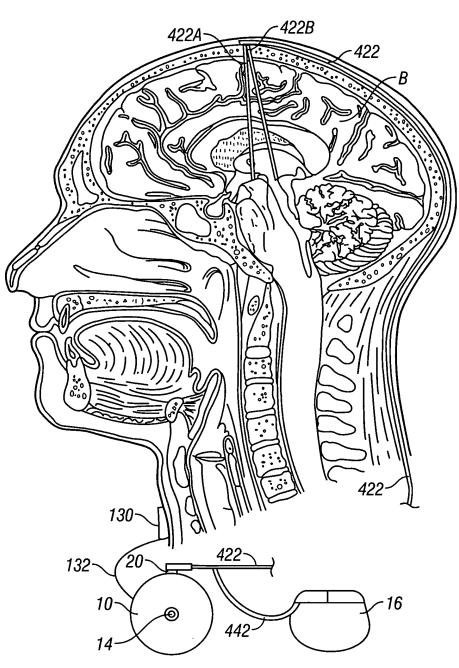


FIG. 4

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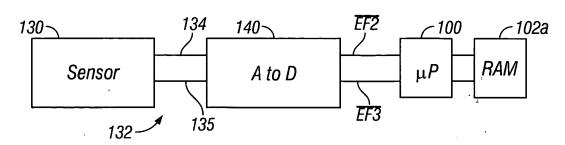
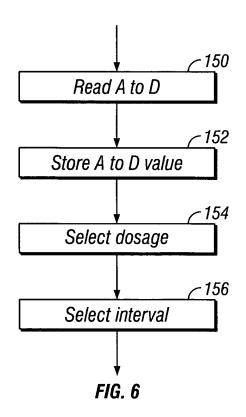


FIG. 5



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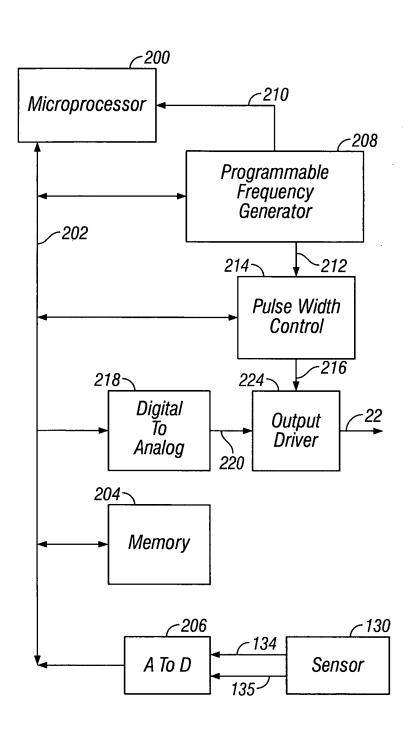


FIG. 7

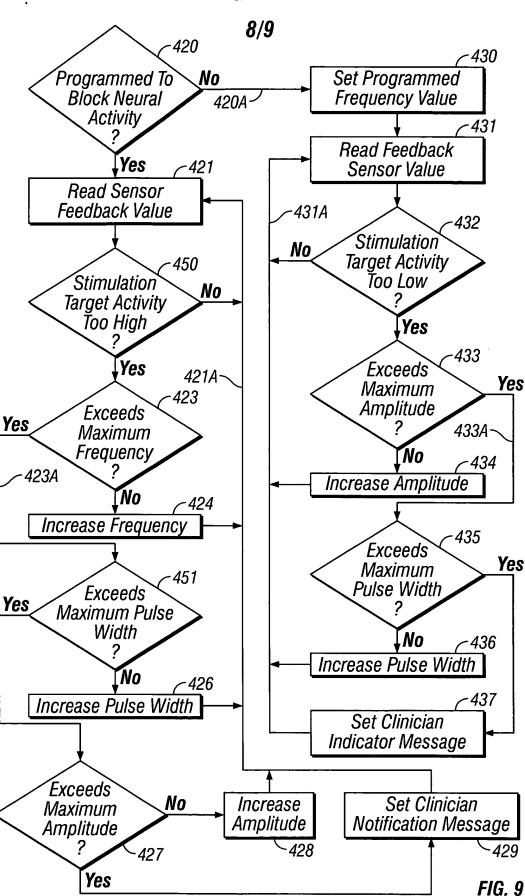
Title: System and method of treating stuttering by neuromodulation Inventor: Paul H. Stypulkowski Serial No. 10/001,751 Attorney Docket: 11738.00025 Sheet 7 of 9 7/9 -400 Read Parameters (1)Block Or Increase Neural Activity At Stimulation Site (2)Increase In Sensor Activity = Increase Or Decrease In Stimulation Target Activity (3) Pulse Width Minimum And Maximum (4)Amplitude Minimum And Maximum (5)Frequency Minimum And Maximum (6)Priority Of Parameter Changes -406 Store Values In Memory 415~ ~410 Read Feedback Sensor Rest Timer 414-Change 411 Parameters | Parameter Yes Change Needed No 412 No Timer Elapsed Yes ~413 Reduce Parameters

FIG. 8

ATEN PLANS

Title: System and method of treating stuttering by neuromodulation

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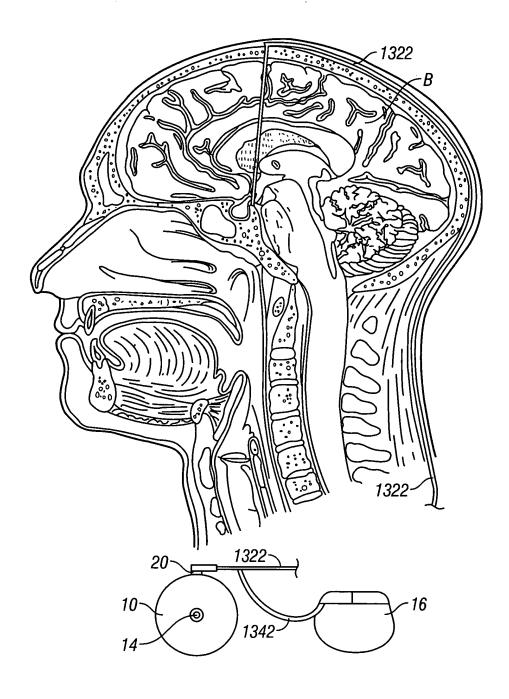


FIG. 10